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TITLE: METHOD FOR MANUFACTURING HOT-DIP Al-Zn ALLOY
PLATED
STEEL STRIP
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ABSTRACT:

PROBLEM TO BE SOLVED: To stably manufacture a hot-dip Al-Zn alloy plated steel strip which is provided with a plating film containing Al of 20-95 mass%, has superior elongation characteristics, and moreover shows an attractive appearance.

SOLUTION: The method for manufacturing the hot-dip Al-Zn alloy plated steel strip with improved elongation characteristics by heating the plated steel strip after plating metal is solidified, comprises either of the following processes; continuously heating the plated steel strip right in front of a coiler in the plating line, to a temperature of less than 300°C, coiling it up at a coiling-up tension of 3.0 kg/mm² or less, and making the temperature kept by the accumulated heat in the coil, or holding it at a

temperature of
less than 300°C in a heating furnace; or coiling up the plated
steel strip
with a coiler in a plating line, continuously heating it in a
continuous
off-line treatment facility to a temperature of less than 300°C,
coiling it
up at a coiling-up tension of 3.0 kg/mm² or less, and making the
temperature
kept by the accumulated heat in the coil, or holding it at a
temperature of
less than 300°C in a heating furnace.

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